

Wipro's Intelligent Asset Management Solution

Real-time digital twin
integrated with SAP S/4HANA

Real time and continuous inspection of equipment in the production lines is essential. However, manual inspection leads to time consuming and costly downtime. Wipro's Intelligent Asset Management Solution addresses this issue by leveraging a digital twin of the components to be inspected, in turn delivering near-zero downtime for machines and empowering production line managers to address problems immediately.

**Intelligent management
of assets with improved
production efficiencies
and product quality**

Key takeaways



Leverage Virtual Reality and the power of SAP S/4HANA to achieve an immersive experience with real time data to assess a situation



Gain 24X7 access to your equipment with operational status and health visibility at all times



Optimize spare parts management with inputs from failure data and service requirements

Solution features



Asset monitoring: Monitor the health of the asset for a given functional area for any anomalies



Failure prediction: Enable predictive analysis of the asset based on the ageing of the equipment



Operational analytics: Analyze failure patterns, trends and maintenance solutions, adopted in real time, and initiate the right preventive actions



Remote maintenance: Perform root cause analysis remotely with IoT data simulation and share annotations of the problem with the shop floor line manager using a digital twin

Zero touch monitoring and maintenance of online equipment to enable instant response to any failures

Business benefits



10 to 30% reduction in revenue losses due to lower machine downtime



10 to 20% reduction in overhead costs as this provides a virtual connect between product engineer and line manager



20% increase in asset life



10% increase in uptime and productivity due to real-time monitoring of machine and failure prediction leading to reduced downtimes



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comprehensive portfolio of services, strong commitment to sustainability and good corporate citizenship, we have over 175,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

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